

January 14, 2003

RE: Pike Lumber Company, Inc
TO: Interested Parties / Applicant

049-16693-00007

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision - Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures

January 14, 2003

Mr. James H. Mulligan
Pike Lumber Company, Inc.
P.O. Box 247
Akron, IN 46910

Re: 049-16693
First Administrative Amendment to
FESOP 049-12738-00007

Dear Mr. Mulligan:

Pike Lumber Company, Inc. was issued a permit renewal on October 12, 2001 for the operation of a hardwood lumber sawmill operation. A letter requesting an addition to the insignificant activities category was received on October 22, 2002. Pursuant to the provisions of 326 IAC 2-8-10 the permit is hereby administratively amended as follows:

The applicant has requested to change and add the following information to the A.3 Insignificant Activities section of the FESOP 049-12738-00007:

- (1) The total number of drying kilns from 1-29 to 1-35.
- (2) One (1) Bin Sorter, containing trim saws and one (1) wood grinder using a Honeyville EFR-86-10 pulse jet filter bag house for particulate control.

As requested by the applicant the changes will be required to comply with the requirements as specified in 326 IAC 2-7-1(21) and 326 IAC 2-8-3(c)(3)(I). The changes are as follows with all deleted changes indicated with strike-out (~~strike-out~~) and all new changes indicated with bold type (**bold type**).

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) Degreasing operation that do not exceed 145 gallons per 12 months except if subject to 326 IAC 20-6;
- (b) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons;
- (c) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;
- (d) Paved and unpaved roads and parking lots with public access; and

- (e) Other categories with emissions below insignificant thresholds:
- (1) One (1) fuel pile;
 - (2) One (1) shavings bin (planer);
 - (3) One (1) 14,500 gallon diesel storage tank;
 - (4) One (1) 15,000 gallon diesel storage tank;
 - (5) One (1) debarker;
 - (6) One (1) sawmill chipper;
 - (7) Greenchain/trimmings;
 - (8) One (1) greenchain hog;
 - (9) One (1) straight line rip saw;
 - (10) Drying kilns 1-~~2935~~;
 - (11) Predrying;
 - (12) One (1) dip tank;
 - (13) One (1) Bin Sorter, containing trim saws and one (1) wood grinder;**

SECTION D.7

FACILITY OPERATION CONDITIONS(No change)

Facility Description [326 IAC 2-8-4(10)]:(No change)

Insignificant Activities (as defined in 326 IAC 2-7-1(21)):(No change)

- (a) Degreasing operation that do not exceed 145 gallons per 12 months except if subject to 326 IAC 20-6;
- (b) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons;
- (c) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;
- (d) Paved and unpaved roads and parking lots with public access; and
- (e) Other categories with emissions below insignificant thresholds:
 - (1) One (1) fuel pile;
 - (2) One (1) shavings bin (planer);
 - (3) One (1) 14,500 gallon diesel storage tank;
 - (4) One (1) 15,000 gallon diesel storage tank;
 - (5) One (1) debarker;
 - (6) One (1) sawmill chipper;
 - (7) Greenchain/trimmings;
 - (8) One (1) greenchain hog;
 - (9) One (1) straight line rip saw;
 - (10) Drying kilns 1-~~2935~~;
 - (11) Predrying;
 - (12) One (1) dip tank;
 - (13) One (1) Bin Sorter, containing trim saws and one (1) wood grinder;**

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact James Farrell, at (800) 451-6027, press 0 and ask for James Farrell or extension 3-8396, or dial (317) 233-8396.

Sincerely,

Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

JF

cc: File - Fulton County
U.S. EPA, Region V
Fulton County Health Department
Northern Regional Office
Air Compliance Section Inspector - Rick Reynolds
Compliance Data Section - Karen Nowak
Administrative and Development - Lisa Lawrence
Technical Support and Modeling - Michele Boner

**FEDERALLY ENFORCEABLE STATE
OPERATING PERMIT (FESOP)
OFFICE OF AIR QUALITY**

**Pike Lumber Company, Inc.
719 Front Street
Akron, Indiana 46910**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit Renewal No.: F049-12738-00007	
Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: October 12, 2001 Expiration Date: October 12, 2006
First Administrative Amendment: 049-16693-00007	Pages Affected: 7, 37
Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: January 14, 2003

- (b) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons;
- (c) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;
- (d) Paved and unpaved roads and parking lots with public access; and
- (e) Other categories with emissions below insignificant thresholds:
 - (1) One (1) fuel pile;
 - (2) One (1) shavings bin (planer);
 - (3) One (1) 14,500 gallon diesel storage tank;
 - (4) One (1) 15,000 gallon diesel storage tank;
 - (5) One (1) debarker;
 - (6) One (1) sawmill chipper;
 - (7) Greenchain/trimmings;
 - (8) One (1) greenchain hog;
 - (9) One (1) straight line rip saw;
 - (10) Drying kilns 1-35;
 - (11) Predrying;
 - (12) One (1) dip tank;
 - (13) One (1) Bin Sorter, containing trim saws and one (1) wood grinder;

A.4 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) to renew a Federally Enforceable State Operating Permit (FESOP).

A.5 Prior Permit Conditions

- (a) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits.
- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAQ, immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued.

SECTION D.7

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

Insignificant Activities (as defined in 326 IAC 2-7-1(21)):

- (a) Degreasing operation that do not exceed 145 gallons per 12 months except if subject to 326 IAC 20-6;
- (b) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons;
- (c) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;
- (d) Paved and unpaved roads and parking lots with public access; and
- (e) Other categories with emissions below insignificant thresholds:
 - (1) One (1) fuel pile;
 - (2) One (1) shavings bin (planer);
 - (3) One (1) 14,500 gallon diesel storage tank;
 - (4) One (1) 15,000 gallon diesel storage tank;
 - (5) One (1) debarker;
 - (6) One (1) sawmill chipper;
 - (7) Greenchain/trimmings;
 - (8) One (1) greenchain hog;
 - (9) One (1) straight line rip saw;
 - (10) Drying kilns 1-35;
 - (11) Predrying;
 - (12) One (1) dip tank;
 - (13) One (1) Bin Sorter, containing trim saws and one (1) wood grinder;

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.7.1 Volatile Organic Compounds (VOC)

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for cold cleaning operations constructed after January 1, 1980, the owner or operator shall:

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Federally Enforceable Operating Permit (FESOP) Administrative Amendment

Source Background and Description

Source Name: Pike Lumber Company, Inc.
Source Location: 719 Front Street, Akron, Indiana 46910
County: Fulton
SIC Code: 2421
Operation Permit No.: F049-16693-00007
Permit Reviewer: James Farrell

The Office of Air Quality (OAQ) has reviewed a FESOP Administrative Amendment application from Pike Lumber Company, Inc. relating to the operation of a hardwood lumber sawmill operation. Pike Lumber Company, Inc. has requested the addition of the following units to the insignificant activities list of the FESOP F 049-12738-00007:

1. The total number of drying kilns from 1-29 to 1-35.
2. One (1) Bin Sorter, containing trim saws and one (1) wood grinder using a Honeyville EFR-86-10 pulse jet filter bag house for particulate control.

Per additional submitted information, Pike Lumber Company, Inc. states that all limits established in FESOP F 049-12738-00007 will be complied with and not be affected by the addition of these units.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

- (a) One (1) 20.9 million British thermal units per hour wood-fired boiler, identified as EU-2.1, installed in 1988. The boiler is equipped with multiple-cyclone particulate control. The boiler exhausts at one (1) stack, identified as S-2.1.
- (b) One (1) 25.1 million British thermal units per hour natural gas-fired standby boiler, identified as EU-2.2, installed in 1988. The boiler has no emission controls, and exhausts at one (1) stack, identified as S-2.2.
- (c) Wood sawing operations with maximum operating capacity of 25.7 tons of wood per hour, housed in an enclosed building which is a cement block structure with no building ventilation system.
- (d) A wood planing operation, installed in 1986, with cyclone particulate control with a minimum efficiency of 80 percent. The planer exhausts at one (1) vent, identified as V-34.

- (e) One (1) fuel bin with a maximum throughput of 8.9 tons per hour and with cyclone control, installed in 1971.
- (f) One (1) storage silo with a maximum throughput of 8.9 tons per hour and with cyclone, control, installed in 1983.

Insignificant Activities

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) Degreasing operation that do not exceed 145 gallons per 12 months except if subject to 326 IAC 20-6;
- (b) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons;
- (c) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;
- (d) Paved and unpaved roads and parking lots with public access; and
- (e) Other categories with emissions below insignificant thresholds:
 - (1) One (1) fuel pile;
 - (2) One (1) shavings bin (planer);
 - (3) One (1) 14,500 gallon diesel storage tank;
 - (4) One (1) 15,000 gallon diesel storage tank;
 - (5) One (1) debarker;
 - (6) One (1) sawmill chipper;
 - (7) Greenchain/trimmings;
 - (8) One (1) greenchain hog;
 - (9) One (1) straight line rip saw;
 - (10) Drying kilns 1-35;
 - (11) Predrying;
 - (12) One (1) dip tank;
 - (13) One (1) Bin Sorter, containing trim saws and one (1) wood grinder;

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this review process.

Existing Approvals

The source has been operating under previous approvals including, but not limited to, the following:

- (a) F 049-12738-00007, issued on October 12, 2001; and
- (b) F 049-5361-00007, issued on December 12, 1996; and
- (c) OP 25-02-93-00073, issued on February 1, 1993.

All conditions from previous approvals were incorporated into this FESOP Administrative Amendment.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the FESOP Administrative Amendment be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete FESOP application for the purposes of this review was received on October 22, 2002. Additional information was received on December 17, 2002.

Potential To Emit

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA."

- (a) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) for Pike Lumber Company, Inc. has not increased from the amounts listed in FESOP Renewal F 049-12738-00007 with the addition of these insignificant activities.

Actual Emissions

The actual emissions information has not changed from the FESOP Renewal F 049-12738-00007.

Potential to Emit After Issuance

The table below summarizes the potential to emit, reflecting all limits, of the significant emission units after controls. The control equipment is considered federally enforceable only after issuance of a Federally Enforceable State Operating Permit.

	Limited Potential to Emit (tons/year)						
Process/facility	PM	PM-10	SO ₂	VOC	CO	NO _x	HAPs
Insignificant Activities	5.0	5.0	0.00	0.00	0.00	0.00	0.00
Total Emissions	5.0	5.0	0.00	0.00	0.00	0.00	0.00

County Attainment Status

The source is located in Fulton County.

Pollutant	Status
PM-10	attainment
SO ₂	attainment
NO ₂	attainment
Ozone	attainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC and emissions are considered when evaluating the rule applicability relating to the ozone standards. Fulton County has been designated as attainment or unclassifiable for ozone.
- (b) Fulton County has been classified as attainment or unclassifiable for all criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

Federal Rule Applicability

There are no changes in Federal Rule Applicability from the Renewal FESOP F 049-12738-00007.

State Rule Applicability - Entire Source

There are no changes in State Rule Applicability - Entire Source from the Renewal FESOP F 049-12738-00007.

State Rule Applicability - Individual Facilities

326 IAC 6-3-2 (Process Operations)

Pursuant to FESOP F 049-12738-00007, issued on October 12, 2001, the allowable PM emission rate from the woodworking operations shall not exceed 0.88 pounds per hour each, with a maximum process throughput rate of 0.10 tons per hour each, based on the following equation:

Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

Compliance Requirements

Permits issued under 326 IAC 2-8 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-8-4. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

There are no changes to the compliance monitoring requirements applicable to this source from the Renewal FESOP F 049-12738-00007.

Air Toxic Emissions

There are no changes in air toxic emissions due to this modification.

Conclusion

The operation of this source shall be subject to the conditions of the attached proposed **FESOP Administrative Amendment No.: 049-16693-00007**.